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ECONOMIC COMMITTEE

USSR INTERNATIONAL WHEAT TRADE

Note by the Canadian Delegation

Attached is a report by Canada, the object of which is to present the most important and best available statistics on USSR International Wheat Trade for the period 1961-1962 to 1970-1971.

NATO,
1110 Brussels.

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USSR INTERNATIONAL WHEAT TRADE

1961/1962 - 1970/1971

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TABLE 1

USSR: TRADE IN WHEAT AND WHEAT FLOUR, JULY-JUNE

CROP YEARS 1962/63-1970/71

(Million Metric Tons)

| CROP YEAR | IMPORTS | | | IMPORTS AS % OF DOMESTIC OUTPUT | EXPORTS | | | EXPORTS AS % OF DOMESTIC OUTPUT | NET TRADE (3) | | | USSR WHEAT OUTPUT | % IMPORTS (2) NET SUPPLY |
|------------------------|---------|--------------|--------------|------------------------------------|---------|--------------|--------------|------------------------------------|---------------|--------------|--------------|-------------------------|--------------------------------|
| | WHEAT | FLOUR (1) | TOTAL (1) | | WHEAT | FLOUR (1) | TOTAL (1) | | WHEAT | FLOUR (1) | TOTAL (1) | | |
| 1962/63 | 0.0 | 0.0 | 0.0 | 0.0 | 5.048 | 0.282 | 5.330 | 7.5 | 5.048 | 0.282 | 5.330 | 70.8 | 00.0 |
| 1963/64 | 7.517 | 1.342 | 8.859 | 17.8 | 1.126 | 0.156 | 1.282 | 2.6 | 6.391 | 1.186 | 7.577 | 49.7 | 15.5 |
| 1964/65 | 2.404 | 0.252 | 2.656 | 3.6 | 0.920 | 0.239 | 1.159 | 1.6 | 1.484 | 0.013 | 1.497 | 74.4 | 3.5 |
| 1965/66 | 9.026 | 0.161 | 9.187 | 15.4 | 2.139 | 0.062 | 2.201 | 3.7 | 6.887 | 0.099 | 6.986 | 59.7 | 13.8 |
| 1966/67 | 4.312 | 0.371 | 4.683 | 4.6 | 3.999 | 0.127 | 4.126 | 4.1 | 0.313 | 0.244 | 0.557 | 100.5 | 4.6 |
| 1967/68 | 1.534 | 0.0 | 1.534 | 2.0 | 4.880 | 0.204 | 5.084 | 6.6 | 3.346 | 0.204 | 3.550 | 77.4 | 2.1 |
| 1968/69 | 0.147 | 0.0 | 0.147 | 0.2 | 5.052 | 0.345 | 5.397 | 5.8 | 4.905 | 0.345 | 5.250 | 93.4 | 0.2 |
| 1969/70 | 1.105 | 0.0 | 1.105 | 1.4 | 5.281 | 0.606 | 5.887 | 7.4 | 4.176 | 0.606 | 4.782 | 79.9 | 1.4 |
| 1970/71 ⁽⁴⁾ | 0.315 | 0.0 | 0.315 | 0.3 | 6.480 | 0.592 | 7.072 | 7.1 | 6.165 | 0.592 | 6.757 | 99.7 | 0.3 |

(1) Flour converted at 72% extraction rate. Insofar as the extraction rate differed from 72% the flour, and wheat flour totals will be in error.

(2) Net Supply / Year = Production / Year + Imports / Year - Exports / Year. Carry-over stocks not considered in calculation.

(3) - Indicates net exports; + Indicates net imports.

(4) Provisional

Source derived from other tables.

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TABLE 2

NET TRADE IN WHEAT AND FLOUR AS A RATIO OF DOMESTIC
CENTRALIZED STATE PURCHASES OF WHEAT
1962 - 1971

| | Domestic Centralized State Purchases of Wheat (1) (million tons) | Purchases as a Percentage of Production (2) | Net Trade in Wheat and Flour as a Ratio of Domestic Centralized State Purchases of Wheat |
|------|---|---|--|
| 1962 | 34.6 | 48 | - 0.15 |
| 1963 | 22.7 | 45 | + 0.33 |
| 1964 | 28.7 | 52 | + 0.04 |
| 1965 | 21.8 | 36 | + 0.32 |
| 1966 | 56.8 | 56 | + 0.01 |
| 1967 | 38.2 | 49 | - 0.09 |
| 1968 | 49.0 | 52 | - 0.11 |
| 1969 | 36.1 | 45 | - 0.13 |
| 1970 | 51.0 | 51 | - 0.09 |
| 1971 | 47.3 | 48 | - 0.14 |

Source: Narodnoye Khoziaistvo SSSR (National Economy of the USSR)
Various years - abbreviated to "Narkhoz" in later tables.

- (1) Expressed in terms of a purchasing weight which is a recalculation of the actual weight of procurements to result in standardized dockage and moisture components. As a rule the actual weight of purchases is about 10 percent greater than the purchasing weight equivalent.
- (2) Purchases expressed in purchasing weight equivalent and production expressed on a gross basis.

TABLE 3

USSR: WINTER AND SPRING WHEAT PRODUCTION, YIELDS AND SOWN AREA 1962 - 1971

IN METRIC AND ENGLISH MEASURES

| | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. Total Winter and Spring Wheat Harvests | | | | | | | | | | |
| (a) Million Metric Tons | 70.778 | 49.688 | 74.399 | 59.686 | 100.499 | 77.419 | 93.393 | 79.917 | 99.734 | 98.760 |
| (b) Million Bushels | 2598 | 1824 | 2730 | 2191 | 3689 | 2840 | 3428 | 2932 | 3663 | 3629 |
| 2. Winter and Spring Wheat Harvests | | | | | | | | | | |
| (a) Million Metric Tons | | | | | | | | | | |
| (i) Winter Wheat | 30.5 | 21.2 | 26.2 | 31.9 | 40.4 | 35.1 | 34.6 | 27.3 | 42.2 | 47.8 |
| (ii) Spring Wheat | 40.3 | 28.5 | 48.2 | 27.8 | 60.1 | 42.1 | 58.8 | 52.6 | 57.5 | 51.1 |
| (b) Million Bushels | | | | | | | | | | |
| (i) Winter Wheat | 1119 | 778 | 962 | 1171 | 1483 | 1288 | 1270 | 1002 | 1551 | 1756 |
| (ii) Spring Wheat | 1479 | 1046 | 1769 | 1021 | 2206 | 1545 | 2158 | 1930 | 2113 | 1878 |
| 3. Area Sown to Wheat | | | | | | | | | | |
| (a) Million Hectares | | | | | | | | | | |
| (i) Winter Wheat | 18.128 | 16.356 | 19.004 | 19.794 | 19.803 | 19.708 | 18.972 | 14.414 | 18.505 | 20.694 |
| (ii) Spring Wheat | 49.283 | 48.253 | 48.883 | 50.411 | 50.155 | 47.318 | 48.259 | 52.012 | 46.725 | 43.341 |
| (b) Million Acres | | | | | | | | | | |
| (i) Winter Wheat | 44.8 | 40.4 | 46.9 | 48.9 | 48.9 | 48.7 | 46.9 | 35.6 | 45.7 | 51.1 |
| (ii) Spring Wheat | 122.0 | 119.0 | 121.0 | 124.0 | 124.0 | 117.0 | 119.0 | 128.0 | 115.5 | 107.1 |
| 4. Wheat Yields | | | | | | | | | | |
| (a) 100 Kilos Per Hectare | | | | | | | | | | |
| (i) Winter Wheat | 16.8 | 12.9 | 13.8 | 16.1 | 20.4 | 17.8 | 18.3 | 18.9 | 22.8 | 23.1 |
| (ii) Spring Wheat | 8.2 | 5.9 | 9.9 | 5.5 | 12.0 | 8.9 | 12.2 | 10.1 | 12.3 | 11.8 |
| (b) Bushels Per Acre | | | | | | | | | | |
| (i) Winter Wheat | 24.9 | 19.1 | 20.4 | 23.8 | 30.2 | 26.3 | 27.1 | 28.0 | 33.7 | 34.4 |
| (ii) Spring Wheat | 12.1 | 8.7 | 14.6 | 8.1 | 17.8 | 13.2 | 18.0 | 14.9 | 18.3 | 17.5 |
| 5. Total Grain Harvest Million Metric Tons | 140.183 | 107.492 | 152.071 | 121.141 | 171.184 | 147.887 | 169.540 | 162.402 | 186.795 | 181.175 |
| 6. Wheat Output as a Per- centage of Grain Output | 50 | 46 | 49 | 49 | 58 | 52 | 55 | 49. | 54.5 | 54.5 |

Source: Narkhoz, various years

TABLE 4

KAZAKHSTAN: SPRING WHEAT PRODUCTION, YIELD AND SOWN AREA 1962 - 1971

| | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1. Spring Wheat Crop | | | | | | | | | | |
| (a) Million Metric Tons | 11.8 | 6.8 | 17.3 | 5.6 | 19.0 | 9.9 | 14.3 | 16.1 | 15.8 | 18.2 |
| (b) Million Bushels | 433 | 250 | 636 | 206 | 698 | 364 | 525.0 | 592 | 581 | 666 |
| 2. Spring Wheat Yield | | | | | | | | | | |
| (a) 100 Kilos Per Hectare | 6.5 | 3.9 | 9.9 | 3.1 | 11.0 | 6.1 | 8.3 | 8.6 | 9.6 | 11.6 |
| (b) bushels per acre | 9.6 | 5.8 | 14.6 | 4.6 | 16.3 | 9.0 | 12.3 | 12.7 | 14.3 | 17.2 |
| 3. Spring Wheat Area | | | | | | | | | | |
| (a) Million Hectares | 18.243 | 17.508 | 17.468 | 17.915 | 17.288 | 16.278 | 17.278 | 18.739 | 16.492 | 15.650 |
| (b) Million Acres | 45.0 | 43.2 | 43.1 | 44.3 | 42.7 | 40.2 | 42.7 | 46.3 | 40.8 | 38.7 |

SOURCE: Narkhoz, various years

TABLE 5

USSR: IMPORTS OF WHEAT AND WHEAT FLOUR, IN WHEAT EQUIVALENT,
BY COUNTRY OF ORIGIN, JULY-JUNE CROP YEARS 1962/63-1970/71

(Million Metric Tons)

| Source | Harvest Years | | | | | | | | | TOTAL |
|---------------|---------------|---------|---------|---------|---------|---------|---------|---------|------------------------|--------|
| | 1962/63 | 1963/64 | 1964/65 | 1965/66 | 1966/67 | 1967/68 | 1968/69 | 1969/70 | 1970/71 ⁽¹⁾ | |
| Argentina | — | 0.010 | 0.054 | 2.186 | 0.021 | — | — | — | — | 2.271 |
| Australia | 0.001 | 1.537 | 0.877 | 0.576 | — | — | — | — | — | 2.991 |
| Canada | — | 5.686 | 0.931 | 5.168 | 2.712 | 1.372 | 0.147 | 1.105 | 0.484 | 17.605 |
| France | — | 0.150 | 0.099 | 0.130 | 0.133 | — | — | — | — | 0.512 |
| Germany, West | — | 0.402 | 0.001 | — | — | — | — | — | — | 0.403 |
| Italy | — | 0.040 | — | — | — | — | — | — | — | 0.040 |
| U.S.A. | — | 1.720 | 0.046 | — | — | — | — | — | — | 1.766 |
| Others | — | 0.499 | 0.125 | 0.577 | — | 0.162 | — | — | — | 1.363 |
| TOTAL | 0.001 | 10.044 | 2.133 | 8.637 | 2.866 | 1.534 | 0.147 | 1.105 | 0.484 | 26.951 |

SOURCE: I.W.C. World Wheat Statistics. Various
U.N. World Grain Trade Statistics 1970/71

TABLE 5(A)

USSR: PERCENTAGE DISTRIBUTION OF IMPORTS OF WHEAT AND WHEAT FLOUR, IN WHEAT EQUIVALENT,
BY COUNTRY OF ORIGIN, JULY-JUNE CROP YEARS 1962/63-1970/71

| SOURCE | 1962/63 | 1963/64 | 1964/65 | 1965/66 | 1966/67 | 1967/68 | 1968/69 | 1969/70 | 1970/71 | TOTAL |
|--------------------|---------|---------|------------|---------|---------|---------|---------|---------|---------|-------|
| Argentina | ----- | 00.1 | 02.5 | 25.3 | 00.7 | ----- | ----- | ----- | ----- | 8.4 |
| Australia | 100.0 | 15.3 | 41.1 | 06.7 | ----- | ----- | ----- | ----- | ----- | 11.1 |
| Canada | ----- | 56.6 | 43.6 | 59.8 | 94.6 | 89.4 | 100.0 | 100.0 | 100.0 | 65.3 |
| France | ----- | 01.5 | 04.6 | 01.5 | 04.6 | ----- | ----- | ----- | ----- | 1.9 |
| Germany, West | ----- | 04.0 | Negligible | ----- | ----- | ----- | ----- | ----- | ----- | 1.5 |
| Italy | ----- | 00.4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.2 |
| U.S.A. | ----- | 17.1 | 02.2 | ----- | ----- | ----- | ----- | ----- | ----- | 6.6 |
| Others | ----- | 05.0 | 05.9 | 06.7 | ----- | 10.6 | ----- | ----- | ----- | 5.1 |
| TOTAL ¹ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

1. Because of rounding, percentages will not necessarily total 100.0.

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TABLE 6

USSR: WHEAT AND FLOUR EXPORTS ACCORDING TO PRIMARY DESTINATION, IN WHEAT EQUIVALENT

JULY - JUNE CROP YEARS 1962/63-1970/71

(Million Metric Tons)

| Destination | Harvest Years | | | | | | | | |
|--------------------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1962/63 | 1963/64 | 1964/65 | 1965/66 | 1966/67 | 1967/68 | 1968/69 | 1969/70 | 1970/71 |
| World | 5.330 | 1.282 | 1.155 | 2.201 | 4.126 | 5.084 | 5.397 | 5.887 | 7.072 |
| 1. Europe | 3.974 | 1.092 | 0.846 | 1.900 | 2.902 | 3.861 | 4.136 | 4.468 | 5.439 |
| (a) Non-Communist | 1.200 | 0.176 | 0.073 | 0.003 | 0.062 | 0.496 | 0.665 | 0.748 | 0.383 |
| Austria | T | 0.002 | ----- | ----- | ----- | ----- | ----- | 0.007 | 0.044 |
| Belgium-Luxembourg | 0.023 | 0.007 | ----- | ----- | 0.003 | 0.003 | 0.036 | 0.012 | 0.013 |
| Finland | 0.328 | 0.023 | 0.071 | ----- | 0.013 | 0.024 | ----- | 0.021 | 0.014 |
| France | 0.013 | ----- | ----- | ----- | ----- | ----- | 0.012 | ----- | 0.003 |
| Germany, West | 0.126 | ----- | ----- | ----- | ----- | 0.016 | 0.085 | 0.047 | 0.026 |
| Greece | 0.005 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Iceland | 0.002 | 0.002 | 0.002 | 0.003 | ----- | ----- | ----- | 0.002 | ----- |
| Ireland | ----- | ----- | ----- | ----- | 0.004 | 0.002 | ----- | ----- | ----- |
| Italy | ----- | ----- | ----- | ----- | ----- | 0.094 | 0.040 | 0.133 | 0.023 |
| Malta | 0.010 | 0.003 | ----- | ----- | 0.001 | ----- | ----- | 0.114 | 0.008 |
| Netherlands | 0.128 | 0.046 | ----- | ----- | 0.031 | 0.142 | 0.130 | ----- | 0.031 |
| Norway | 0.085 | 0.009 | ----- | ----- | 0.010 | 00.50 | 0.023 | ----- | ----- |
| Portugal | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.007 | ----- |
| Spain | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Sweden | 0.087 | 0.010 | ----- | ----- | ----- | 0.015 | 0.020 | 0.021 | 0.005 |
| Switzerland | 0.002 | 0.002 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| United Kingdom | 0.391 | 0.072 | ----- | ----- | ----- | 0.150 | 0.319 | 0.336 | 0.116 |

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(Million Metric Tons)

| Destination | Harvest Years | | | | | | | | |
|------------------------------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1962/63 | 1963/64 | 1964/65 | 1965/66 | 1966/67 | 1967/68 | 1968/69 | 1969/70 | 1970/71 |
| (b) Communist | 2.774 | 0.916 | 0.773 | 1.897 | 2.840 | 3.365 | 3.471 | 3.720 | 5.156 |
| Albania | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Bulgaria | 0.151 | 0.039 | ----- | ----- | ----- | ----- | 0.306 | ----- | 0.134 |
| Czechoslovakia | 1.162 | 0.306 | 0.275 | 0.848 | 0.880 | 1.145 | 0.932 | 1.080 | 1.020 |
| Germany, East | 1.193 | 0.539 | 0.391 | 0.914 | 1.312 | 1.280 | 1.097 | 1.404 | 1.500 |
| Hungary | 0.061 | 0.002 | ----- | ----- | ----- | ----- | 0.178 | 0.182 | 0.247 |
| Poland | 0.186 | ----- | ----- | 0.135 | 0.648 | 0.940 | 0.958 | 1.054 | 1.889 |
| Romania | ----- | 0.030 | 0.107 | ----- | ----- | ----- | ----- | ----- | 0.205 |
| Yugoslavia | 0.021 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.161 |
| 2. North and Central America | 0.468 | 0.085 | 0.218 | ----- | 0.115 | 0.278 | 0.284 | 0.293 | 0.295 |
| Cuba | 0.468 | 0.085 | 0.218 | ----- | 0.115 | 0.278 | 0.284 | 0.293 | 0.295 |
| 3. South America | 0.514 | 0.054 | ----- | ----- | 0.020 | 0.052 | 0.162 | 0.082 | .072 |
| Argentina | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.082 | ----- |
| Brazil | 0.513 | 0.052 | ----- | ----- | 0.020 | 0.052 | 0.162 | ----- | ----- |
| British Guiana | 0.001 | 0.002 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Chile | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.072 |
| 4. Asia | 0.249 | 0.039 | 0.087 | 0.122 | 0.338 | 0.085 | 0.600 | 0.827 | 0.903 |
| (a) Non-Communist | 0.140 | 0.025 | 0.027 | 0.002 | 0.002 | 0.071 | 0.062 | 0.011 | 0.166 |
| Afghanistan | 0.023 | 0.002 | ----- | ----- | 0.020 | 0.066 | 0.053 | ----- | 0.052 |
| Ceylon | 0.024 | 0.016 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

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(Million Metric Tons)

| Destination | Harvest Years | | | | | | | | |
|-------------------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1962/63 | 1963/64 | 1964/65 | 1965/66 | 1966/67 | 1967/68 | 1968/69 | 1969/70 | 1970/71 |
| Cyprus | ----- | ----- | ----- | ----- | ----- | ----- | 0.005 | ----- | 0.003 |
| Indonesia | 0.001 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Iraq | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.062 |
| Iran | 0.009 | 0.001 | 0.027 | 0.001 | ----- | ----- | ----- | ----- | ----- |
| Japan | 0.062 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Lebanon | 0.005 | 0.003 | ----- | ----- | ----- | 0.005 | 0.004 | ----- | 0.049 |
| Saudi Arabia | 0.009 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Southern Yemen | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.001 | ----- |
| Vietnam, Laos, Cambodia | 0.007 | ----- | ----- | 0.001 | ----- | ----- | ----- | ----- | ----- |
| (b) Communist | 0.096 | ----- | ----- | 0.083 | 0.217 | ----- | 0.475 | 0.728 | 0.737 |
| China P.R.C. | 0.046 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| North Korea | 0.050 | ----- | ----- | 0.083 | 0.217 | ----- | 0.185 | 0.221 | 0.199 |
| North Vietnam | ----- | ----- | ----- | ----- | ----- | ----- | 0.290 | 0.507 | 0.471 |
| Other | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.067 |
| 5. Africa | 0.125 | 0.012 | 0.008 | 0.179 | 0.751 | 0.808 | 0.215 | 0.217 | 0.363 |
| Algeria | 0.030 | ----- | ----- | ----- | 0.190 | 0.009 | ----- | ----- | 0.008 |
| Egypt | ----- | ----- | ----- | 0.158 | 0.536 | 0.769 | 0.191 | 0.177 | 0.313 |
| Ghana | T ² | 0.001 | 0.001 | 0.001 | ----- | ----- | ----- | ----- | ----- |
| Guinea | 0.012 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Libya | 0.020 | 0.008 | 0.002 | 0.002 | 0.008 | 0.009 | 0.016 | 0.032 | 0.019 |
| Mali | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.004 | 0.001 |

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(Million Metric Tons)

| Destination | Harvest Years | | | | | | | | |
|-------------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1962/63 | 1963/64 | 1964/65 | 1965/66 | 1966/67 | 1967/68 | 1968/69 | 1969/70 | 1970/71 |
| Sudan | 0.050 | --- | --- | --- | --- | --- | --- | --- | 0.200 |
| Tanzania | --- | --- | 0.001 | 0.008 | --- | 0.009 | 0.002 | 0.003 | --- |
| Togo | --- | --- | --- | --- | --- | --- | --- | 0.001 | 0.002 |
| Tunisia | --- | --- | --- | --- | 0.007 | --- | --- | --- | --- |

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SOURCE: I.W.C. World Wheat Statistics, Various years
T - Less than 500 tons

TABLE 7

USSR: PERCENTAGE OF WHEAT EXPORTS TO SELECTED AREAS

| European Communist Countries | | European Non-Communist Countries | Rest of World |
|------------------------------|------|----------------------------------|---------------|
| 1962/63 | 52.0 | 22.5 | 25.4 |
| 1963/64 | 71.4 | 13.7 | 14.8 |
| 1964/65 | 66.6 | 6.2 | 27.0 |
| 1965/66 | 86.1 | --- | 13.6 |
| 1966/67 | 68.8 | 1.5 | 29.6 |
| 1967/68 | 66.2 | 9.6 | 24.1 |
| 1968/69 | 64.3 | 12.3 | 23.4 |
| 1969/70 | 63.2 | 12.7 | 24.1 |
| 1970/71 | 72.9 | 5.4 | 21.7 |

Source derived from other tables.

TABLE 8

USSR: WHEAT EXPORTS TO SELECTED AREAS

(Million metric tons)

| Eastern Europe | East Germany | Czechoslovakia | Percentage of USSR Exports to Eastern Europe Received by East Germany and Czechoslovakia |
|----------------|--------------|----------------|--|
| 1962/63 2.774 | | 2.355 | 84.4 |
| 1963/64 0.916 | | 0.845 | 92.2 |
| 1964/65 0.773 | | 0.666 | 86.1 |
| 1965/66 1.897 | | 1.762 | 92.8 |
| 1966/67 2.840 | | 2.192 | 77.1 |
| 1967/68 3.365 | | 2.425 | 72.0 |
| 1968/69 3.471 | | 2.029 | 58.4 |
| 1969/70 3.720 | | 2.484 | 66.8 |
| 1970/71 4.995 | | 2.520 | 50.5 |

Source: Derived from other tables.

TABLE 2

USSR: IMPORTS OF GRAIN AND GRAIN PRODUCTS IN GRAIN EQUIVALENTS 1960-1972¹
(1,000 metric tons)

| | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 ² |
|---|--------|-------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| WHEAT (1) | 98.0 | 655.9 | 45.1 | 3,052.5 | 7,281.4 | 6,375.1 | 7,582.8 | 1,827.8 | 1,339.7 | 38.4 | 1,846.3 | 2,300 | n.a. |
| FLOUR ² (2) | 32.6 | 31.3 | 30.7 | 385.0 | 1,350.0 | 401.5 | 447.8 | 294.2 | 365.8 | 379.4 | 359.4 | 388.1 | 381.1 |
| WHEAT AND FLOUR, TOTAL (3) | 130.6 | 687.2 | 75.8 | 3,437.5 | 8,631.4 | 6,776.6 | 8,030.6 | 2,122.0 | 1,705.5 | 417.8 | 2,205.7 | 2,688.1 | n.a. |
| BARLEY (4) | 21.8 | — | — | — | — | — | — | — | — | — | — | — | n.a. |
| CORN (5) | 117.2 | 22.6 | — | — | — | — | 163.5 | 356.8 | 264.2 | 498.5 | 303.8 | 880.8 | n.a. |
| PULSES (6) | 7.5 | 10.4 | 23.5 | 16.6 | 2.0 | 7.4 | 9.2 | — | — | — | — | — | n.a. |
| RICE ³ (7) | 759.2 | 30.2 | 511.4 | 292.9 | 550.2 | 360.5 | 417.3 | 602.0 | 393.9 | 494.7 | 489.2 | 503.6 | 423.9 |
| MALT ⁴ (8) | 33.0 | 44.3 | 38.0 | 31.8 | 9.2 | 39.3 | 47.7 | 77.4 | 73.0 | 127.6 | 92.1 | 113.5 | 131.9 |
| OTHER ⁵ (9) | 3.4 | 0.2 | 1.1 | 50.4 | 5.1 | 0.1 | 0.1 | 0.1 | 2.0 | 102.2 | 8.4 | 319.2 | n.a. |
| OTHER GRAIN AND PRODUCTS, TOTAL (10) | 942.1 | 107.7 | 574.0 | 391.7 | 566.5 | 407.3 | 637.8 | 1,036.3 | 733.1 | 1,223.0 | 893.5 | 1,817.1 | n.a. |
| ALL GRAIN AND ¹ PRODUCTS, TOTAL (11) | 1072.7 | 794.9 | 649.8 | 3829.2 | 9197.9 | 7183.9 | 8668.4 | 3158.3 | 2438.6 | 1640.8 | 3099.2 | 4504.2 | n.a. |
| WHOLE GRAIN ⁶ (12) | 247.9 | 689.1 | 69.7 | 3,119.5 | 7,288.5 | 6,382.6 | 7,755.6 | 2,184.7 | 1,605.9 | 639.1 | 2,158.5 | 3,500 | n.a. |
| GRAIN PRODUCTS (FLOUR, RICE, MALT) (13) | 824.8 | 105.8 | 580.1 | 709.7 | 1909.4 | 801.3 | 912.8 | 973.6 | 832.7 | 1001.7 | 940.7 | 1005.2 | 936.9 |

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TABLE 9

USSR: IMPORTS OF GRAIN AND GRAIN PRODUCTS
IN GRAIN EQUIVALENTS 1960-1972

Source: Central Statistical Administration, Vneshnaya Torgovlia SSSR (Foreign Trade of the USSR), various years;

- not recorded in official trade yearbook and presumed insignificant n.a., not available

Footnotes:

- (1) Excludes imports of seed and some small quantity of milled products implied by the value series given in Soviet trade yearbooks but not itemized by weight.
- (2) Converted from product weight by assuming an extraction rate of 72 percent.
- (3) Converted from milled basis by assuming an extraction rate of 66 percent.
- (4) Converted from product weight by assuming an extraction rate of 70.8 percent.
- (5) Difference between the recorded total of grain imports and the sum of individually itemized grains.
- (6) Total grain imports, plus pulses.
- (7) For the first time in many years the Soviet trade yearbook in 1972 omitted all references to imports or exports of whole grains.

TABLE 10

USSR: EXPORTS OF GRAIN AND GRAIN PRODUCTS IN GRAIN EQUIVALENTS, 1960-1972¹

(1,000 metric tons)

| | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 ⁵ |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| WHEAT (1) | 5,624.4 | 4,800.6 | 4,765.2 | 4,080.8 | 2,030.5 | 1,662.6 | 2,805.3 | 5,284.0 | 4,355.0 | 5,978.8 | 4,732.9 | 7,616.6 | n.a. |
| RYE (2) | 682.5 | 1,088.0 | 1,300.3 | 815.0 | 150.3 | 36.9 | 275.1 | 336.2 | 221.9 | 222.5 | 172.5 | 207.9 | n.a. |
| FLOUR ² (3) | 52.4 | 348.9 | 349.2 | 383.9 | 445.1 | 370.4 | 424.4 | 523.3 | 783.9 | 823.6 | 1,072.9 | 908.6 | 524.4 |
| BREAD GRAIN AND FLOUR, TOTAL (4) | 6,359.3 | 6,237.5 | 6,414.7 | 5,279.7 | 2,625.9 | 2,069.9 | 3,504.8 | 6,143.5 | 5,360.8 | 7,024.9 | 5,978.3 | 8,733.1 | n.a. |
| OATS (5) | 41.5 | 179.9 | 25.3 | 22.0 | 28.3 | 11.8 | 11.5 | 10.7 | 6.1 | 8.2 | 8.6 | 9.8 | n.a. |
| CORN (6) | 122.2 | 405.6 | 1,256.7 | 723.1 | 638.6 | 551.1 | 174.4 | 164.7 | 209.0 | 246.8 | 280.7 | 117.6 | n.a. |
| BARLEY (7) | 324.0 | 1,006.8 | 466.8 | 594.2 | 665.8 | 2,067.9 | 290.4 | 452.4 | 614.4 | 748.4 | 503.3 | 687.7 | n.a. |
| PULSES (8) | — | 4.0 | 15.6 | 18.3 | 20.5 | 535.8 | 442.7 | 76.5 | 138.4 | 421.6 | 65.3 | 149.5 | 55.3 |
| GROATS ² (9) | 35.4 | 27.8 | 26.5 | 25.8 | 14.7 | 13.6 | 16.0 | 12.5 | 11.7 | 59.0 | 34.3 | 55.3 | 202.5 |
| OTHER GRAINS AND PRODUCTS TOTAL ³ (10) | 523.1 | 1,624.1 | 1,791.2 | 1,383.4 | 1,367.9 | 3,180.2 | 935.0 | 716.8 | 979.6 | 1,484.0 | 892.2 | 1,019.9 | n.a. |
| ALL GRAINS AND PRODUCTS TOTAL (11) | 6,882.4 | 7,861.6 | 8,205.9 | 6,663.1 | 3,993.8 | 5,250.1 | 4,439.8 | 6,860.3 | 6,340.4 | 8,508.9 | 6,870.5 | 9,753.0 | n.a. |
| WHOLE GRAIN, TOTAL ⁴ (12) | 6,794.6 | 7,484.9 | 7,830.2 | 6,253.4 | 3,534.0 | 4,866.1 | 3,999.4 | 6,324.5 | 5,544.8 | 7,626.3 | 5,763.3 | 8,789.1 | n.a. |
| FLOUR AND GROATS, TOTAL (13) | 87.8 | 376.7 | 375.7 | 409.7 | 459.8 | 384.0 | 440.4 | 535.8 | 795.6 | 882.6 | 1,107.2 | 963.9 | 726.9 |

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TABLE 10

USSR: EXPORTS OF GRAIN AND GRAIN PRODUCTS
IN GRAIN EQUIVALENTS 1960-1972

Source: Central Statistical Administration, Vneshnaya
Torgovlia SSSR (Foreign Trade of the USSR),
various years;

- not recorded in official statistics and assumed
zero or insignificant n.a., not available

Footnotes:

- (1) Excludes grain specifically designated for seed and some small quantity of milled products recorded in official sources in the total value of exports, but not specified by weight.
- (2) Converted to grain equivalent by the assumption of a 72 percent extraction rate.
- (3) May include some quantity of grain not specified in rows (5) - (9).
- (4) Sum of weight recorded in official statistics as grain plus the weight of pulses.
- (5) Weight of grains exported was omitted from Soviet official published statistics for 1972.

TABLE 11

USSR: TRADE IN GRAIN AND GRAIN PRODUCTS IN GRAIN EQUIVALENT 1960-1972
(1,000 metric tons)

| CALENDAR YEAR | ALL GRAIN AND PRODUCTS | | | WHOLE GRAIN | | | GRAIN PRODUCTS | | |
|---------------|------------------------|-------------|---------------|-------------|-------------|---------------|----------------|-------------|---------------|
| | IMPORTS (1) | EXPORTS (2) | NET TRADE (3) | IMPORTS (4) | EXPORTS (5) | NET TRADE (6) | IMPORTS (7) | EXPORTS (8) | NET TRADE (9) |
| 1960 | 1,072.7 | 6,882.4 | -5,809.7 | 247.9 | 6,794.6 | -6,546.7 | 824.8 | 87.8 | + 737.0 |
| 1961 | 794.9 | 7,861.6 | -7,066.7 | 689.1 | 7,484.9 | -6,795.8 | 105.8 | 376.7 | - 270.9 |
| 1962 | 649.8 | 8,205.9 | -7,556.1 | 69.7 | 7,830.2 | -7,760.5 | 580.1 | 375.7 | + 204.4 |
| 1963 | 3,829.2 | 6,663.1 | -2,833.9 | 3,119.5 | 6,253.4 | -3,133.9 | 709.7 | 409.7 | + 300.0 |
| 1964 | 9,197.9 | 3,993.8 | +5,204.1 | 7,288.5 | 3,534.0 | +3,754.5 | 1,909.4 | 459.8 | +1,449.6 |
| 1965 | 7,183.9 | 5,250.1 | +1,933.8 | 6,382.6 | 4,866.1 | +1,516.5 | 801.3 | 384.0 | + 417.3 |
| 1966 | 8,668.4 | 4,439.8 | +4,228.6 | 7,755.6 | 3,999.4 | +3,756.2 | 912.8 | 440.4 | + 472.4 |
| 1967 | 3,158.3 | 6,860.3 | -3,702.0 | 2,134.7 | 6,324.5 | -4,139.8 | 973.6 | 535.8 | + 437.8 |
| 1968 | 2,438.6 | 6,340.4 | -3,901.8 | 1,605.9 | 5,544.8 | -3,938.9 | 832.7 | 795.6 | + 37.1 |
| 1969 | 1,640.8 | 8,508.9 | -6,868.1 | 639.1 | 7,626.3 | -6,987.2 | 1,001.7 | 882.6 | + 119.1 |
| 1970 | 3,099.2 | 6,870.5 | -3,771.3 | 2,158.5 | 5,763.3 | -3,604.8 | 940.7 | 1,107.2 | - 166.5 |
| 1971 | 4,505.2 | 9,753.0 | -5,247.8 | 3,500.0 | 8,789.1 | -5,289.1 | 1,005.2 | 963.9 | + 41.3 |
| 1972 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 936.9 | 726.9 | + 210.0 |

SOURCE: Derived from Tables 9 and 10.

n.a., not available
- , net exports
+ , net imports

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